

Irrigation District Aquatic Pesticide Permit

3rd Permit Advisory Committee Meeting
August 16, 2006 -- Sunnyside

Permit Timeline

January, 2006	1 st Permit Advisory Committee
February	2 nd Meeting
August 16	3 rd Meeting
September 1	Comments due
Oct. – Nov.	Public hearings on draft permit
January, 2007	Issue final permit

Permit Advisory Committee

Role of the Permit Advisory Committee:

- ▶ Share information and concerns
- ▶ Edit and comment on documents
- ▶ Give advice to Ecology

Permit Advisory Committee

Role of the Department of Ecology:

- ▶ Write permit
- ▶ Permit must follow state laws and regulations

Major Permit Topics

1. Federal vs. State Permit

- ▶ Changed permit to a combined federal (NPDES) and state permit

2. Compliance Points

This has been a significant issue for Ecology

We considered all comments

2. Compliance Points

Determined that the upper extent of anadromous fish habitat was the most appropriate

We are very open to ideas to make this work

2. Compliance Points

- “Documented presence” of spawning or rearing
-
- “Documented presence” of migration only
-
- “Historic” spawning or rearing
- “Presumed” spawning or rearing
- “Potential” spawning or rearing

3. Pesticides Covered in Permit

Minor changes from last draft

4. Discharge Limits

The copper limit is challenging

- ▶ Current permit limit for copper:
25 ug/L (one day average)

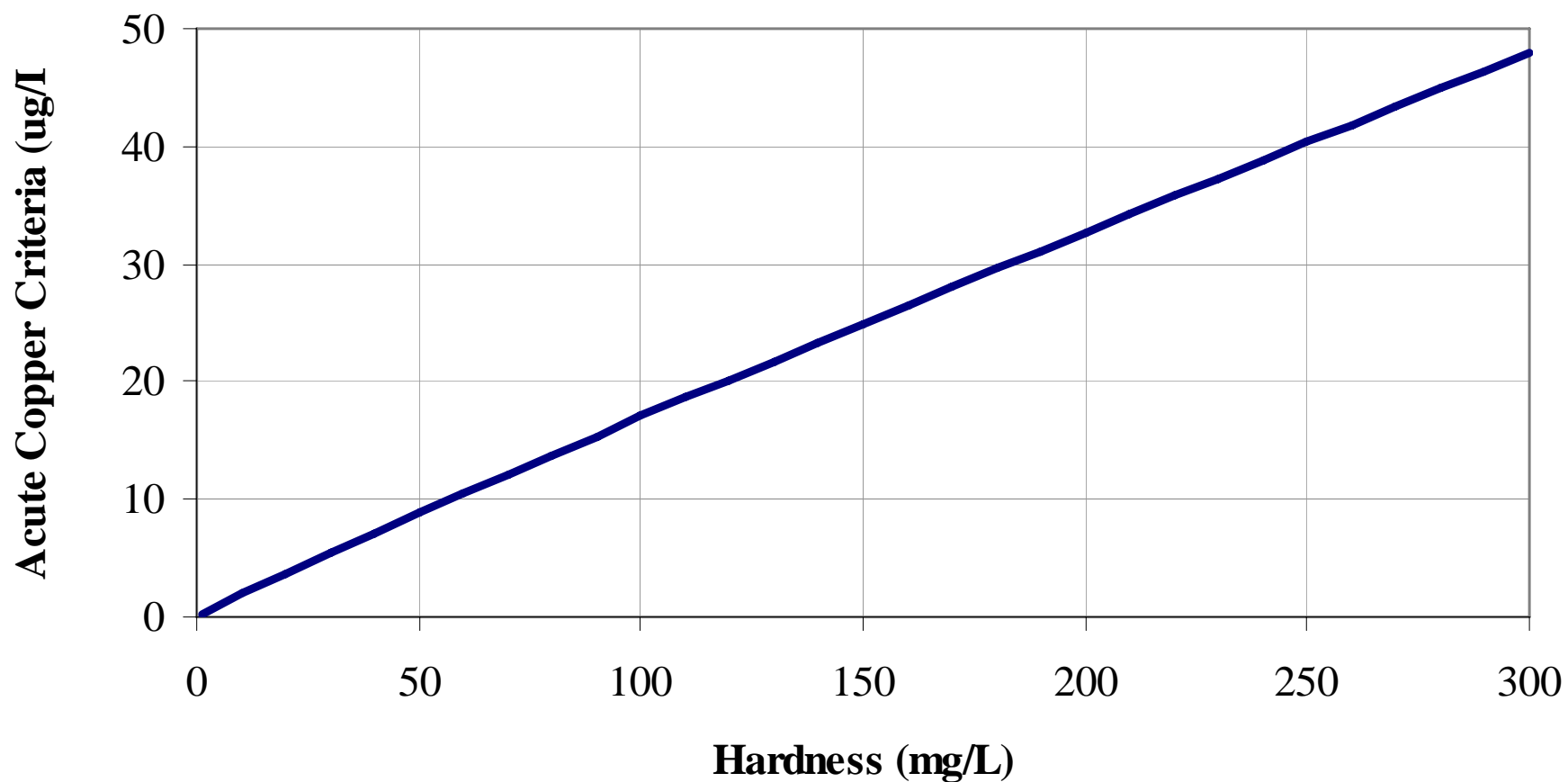
4. Discharge Limits

Three parts:

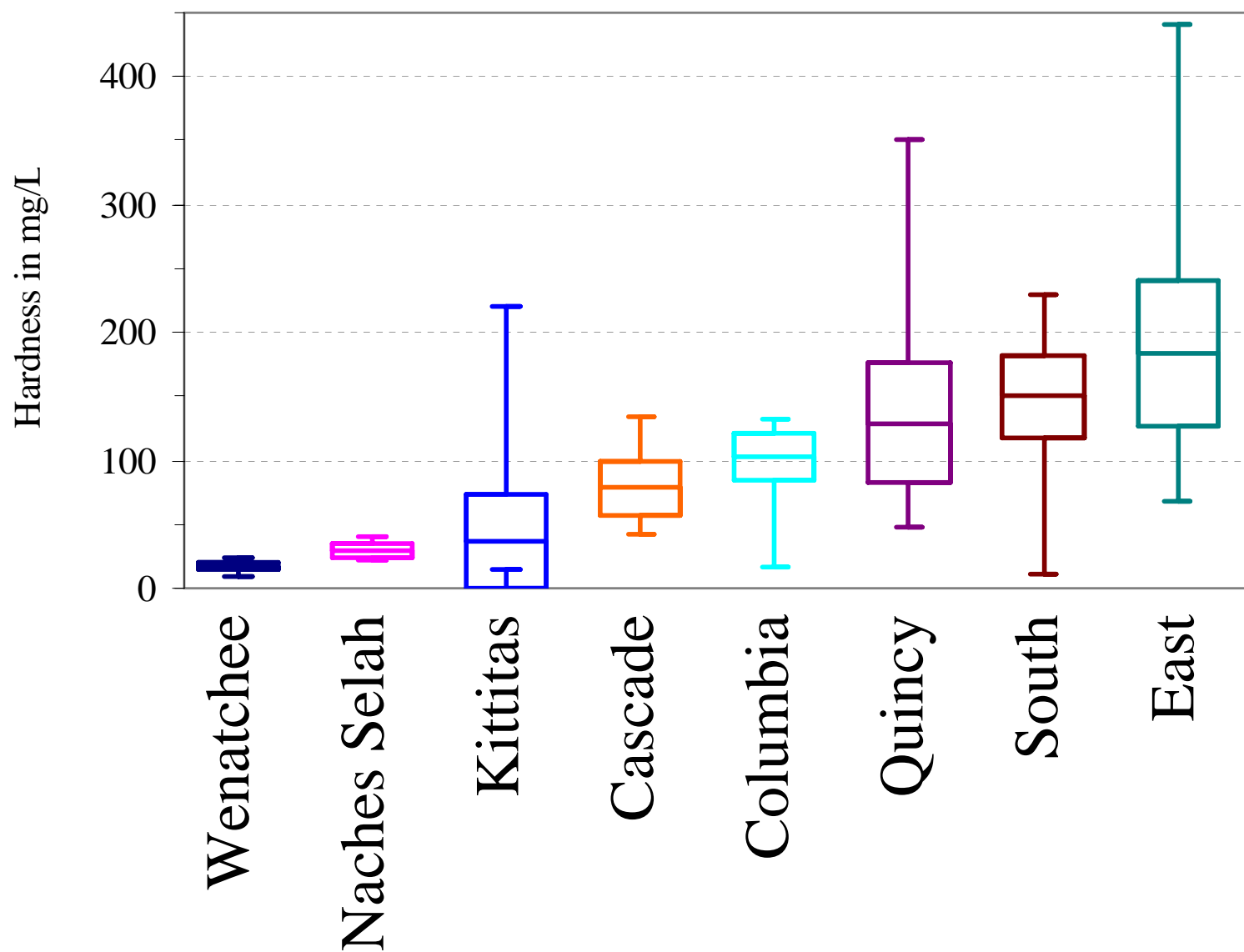
- ▶ Hardness value used
- ▶ The number
- ▶ The duration (one-day average or instantaneous)

Copper toxicity is based on hardness

Relationship of Hardness Values to Acute Copper Criteria



Hardness Values at the Compliance Points of Irrigation Districts



District (average)	Copper Criteria
Wenatchee	3.3
Naches Selah	5.4
Kittitas	6.6
Cascade	14
Columbia	18
Quincy	22
South	25
East	30
Lower 10th percentile	4.4

4. Discharge Limits

What should we do?

- ▶ 25 ug/L (instantaneous limit)

Other options:

- ▶ 4.4 ug/L (one day average)
- ▶ Permittee specific limits

5. Monitoring Requirements

Minor changes from last draft

6. Clarification around “no spill” situations

Minor changes from last draft

7. Reporting

Made changes to the Time Travel Study requirement

Other minor changes from last draft

8. Non-compliance Notification

Minor changes from last draft



Permit Application

All permittees must reapply by
November 11, 2006.

Questions and Comments:

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www.ecy.wa.gov/programs/wq/pesticides

Reminder: Comments due September 1